



Water & Waste Solutions

Environment Friendly
Low Flow Packaged STP

Salient features of BioFilter

- Skid mounted sewage treatment plant with recycling options
- Combines attached growth and suspended growth processes
- No external aeration device
- Suitable for basement installations - fits in height of 3.8 mts
- Minimum civil work
- Minimal sludge removal frequency - once in 30 days
- Suitable for different recycling options

Standard Capacities

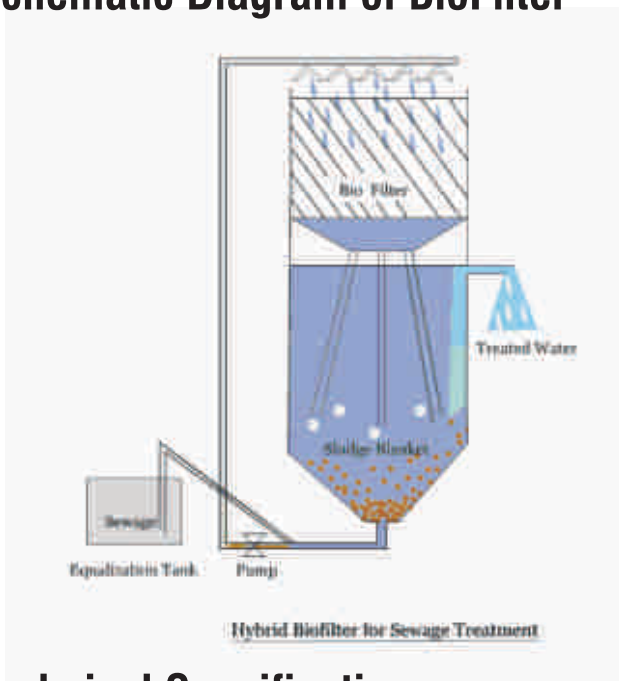
10, 20, 30 & 50 M³ /day

Market Sectors



- Housing
- Hospitality
- Industries
- IT parks
- Shopping Malls
- Educational Institutes

Schematic Diagram of BioFilter



Technical Specifications

Data	Units	Raw Sewage	Treated Water quality	Treated Water quality after UF (Optional)
Flow	m ³ /day	10 - 50	10 - 50	10 - 50
pH	-	7 - 8	7 - 8	7 - 8
BOD	mg/l	300/ 500	< 20	< 5
COD	mg/l	600/ 1000	< 100	< 30
O & G	mg/l	50	< 10	< Nil
TSS	mg/l	300/ 400	< 30	< N.D.



THERMAX

Sustainable Solutions in
Energy & Environment

Water & Waste Solutions

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